UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,145,591 B2
APPLICATION NO. : 10/802856
DATED : December 5, 2006
INVENTOR(S) : Yoshihiro Ishibe

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 3
 Line 56, "polygon;" should read --polygon mirror;--; and
 Line 60, "polygon;" should read --polygon mirror;--.

COLUMN 7
 Line 22, "titled" should read --tilted--.

COLUMN 19
 Expression 7 should read

$$-\ \frac{r\tan\dfrac{\eta}{2}\dfrac{d(N-1)}{2f_{col}}\left(\cos\left(2\arctan\dfrac{d(N-1)}{2f_{col}}\right)\right)+\cos\gamma\tan\mu}{\sin\left(\dfrac{\gamma}{2}+\dfrac{\eta}{2}\right)}\ \frac{Sk}{Sd}\ -;$$

 Expression 8 should read

$$\delta all = \left|\delta Y1 - (\delta Y2 + \delta Y3)\right|$$

$$-\ =\left|P(N-1)\sin\beta\tan\theta_{max}-\left(\frac{r\tan\dfrac{\eta}{2}\dfrac{d(N-1)}{2f_{col}}\left(\cos\left(2\arctan\dfrac{d(N-1)}{2f_{col}}\right)+\cos\gamma\tan\eta\right)}{\sin\left(\dfrac{\gamma}{2}+\dfrac{\eta}{2}\right)}\frac{Sk}{Sd}+9.5\delta\lambda f\right)\right|\ -;$$

and

 Expression 9 should read

$$\delta all = \left|\delta Y1 - (\delta Y2 + \delta Y3)\right|$$

$$-\ =\left|P(N-1)\sin\beta\tan\theta_{max}-\left(\frac{r\tan\dfrac{\eta}{2}\dfrac{d(N-1)}{2f_{col}}\left(\cos\left(2\arctan\dfrac{d(N-1)}{2f_{col}}\right)+\cos\gamma\tan\eta\right)}{\sin\left(\dfrac{\gamma}{2}+\dfrac{\eta}{2}\right)}\frac{Sk}{Sd}+9.5\delta\lambda f\right)\right|\le 0.014\ -.$$

COLUMN 21
    Expression 11 should read

--
$$\delta Y2 = \frac{r\tan\frac{\eta}{2}\tan\frac{\alpha}{2}(\cos\alpha + \cos\gamma\tan\eta)}{\sin\left(\frac{\gamma}{2} + \frac{\eta}{2}\right)}\frac{Sk}{Sd}$$
--; and

    Expression 12 should read

--
$$\delta all = |\delta Y1 - \delta Y2|$$
$$= \left| P(N-1)\sin\beta\tan\theta_{max} - \frac{r\tan\frac{\eta}{2}\tan\frac{\alpha}{2}(\cos\alpha + \cos\gamma\tan\eta}{\sin\left(\frac{\gamma}{2} + \frac{\eta}{2}\right)}\frac{Sk}{Sd} \right|$$
--.

COLUMN 22
    Expression 13 should read

--
$$\delta all = |\delta Y1 - \delta Y2|$$
$$= \left| P(N-1)\sin\beta\tan\theta_{max} - \frac{r\tan\frac{\eta}{2}\tan\frac{\alpha}{2}(\cos\alpha + \cos\gamma\tan\eta)}{\sin\left(\frac{\gamma}{2} + \frac{\eta}{2}\right)}\frac{Sk}{Sd} \right| \leq 0/014$$
--.

COLUMN 23
    Line 38, "by-this" should read --by this--.

COLUMN 24
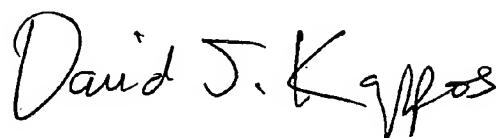   Line 21, "polygon motor" should read --polygon mirror--.

COLUMN 26
    Line 2, "beans" should read --beams--;
    Line 10, "minor" should read --mirror--; and
    Line 23, "convened" should read --converted--.

Signed and Sealed this

Sixteenth Day of February, 2010

David J. Kappos
Director of the United States Patent and Trademark Office